

WE CLAIM:

1. A set of dispensing tips comprising:
 - i) a first dispensing tip comprising a lumen and a sealable lower end; and
 - ii) a second dispensing tip,

5 wherein said second dispensing tip is sized to enter said lumen of said first dispensing tip.

2. The set of dispensing tips of claim 1, wherein said first dispensing tip, said second dispensing tip, or both said first and second dispensing tips are disposable.

10 3. The set of dispensing tips of claim 1, wherein said first dispensing tip, said second dispensing tip, or both said first and said second dispensing tips are non-disposable.

4. The set of dispensing tips of claim 3, wherein said second dispensing tip is a cannula.

15 5. The set of dispensing tips of claim 1, wherein each of said first and said second dispensing tips can connect to separate dispensing stems, and said separate dispensing stems are part of a chemistry analyzer.

20 6. The set of dispensing tips of claim 1, wherein said first dispensing tip is a cuvette.

7. The set of dispensing tips of claim 1, wherein said first dispensing tip is a reservoir.

25 8. The set of dispensing tips of claim 1, wherein said first dispensing tip is a reaction chamber.

9. The set of dispensing tips of claim 1, wherein said first dispensing tip is an incubation chamber.

30

10. The set of dispensing tips of claim 1, wherein said first dispensing tip is a dilution chamber.

11. The set of dispensing tips of claim 1, wherein said second dispensing tip is sized
5 to extend the length of said lumen of said first dispensing tip.

12. A method for sample, handling comprising:

- 10
- i) aspirating said sample within a first dispensing tip;
 - ii) sealing a lower end of said first dispensing tip to produce a sealed dispensing tip;
 - iii) inserting a second dispensing tip within said sealed dispensing tip; and
 - iv) reaspirating said sample, dispensing one or more fluids, or both, within said sealed dispensing tip.

13. The method of claim 12, wherein in said step of sealing (step ii)), said lower end
15 of said first dispensing tip is sealed by compression.

14. The method of claim 12, wherein in said step of sealing (step ii)), said lower end
of said first dispensing tip is sealed by heat.

15. The method of claim 12, wherein in said step of sealing (step ii)), said lower end
20 of said first dispensing tip is sealed with a cap, or by plugging with a material.

16. The method of claim 12, wherein the steps are performed by a chemistry analyser
25 apparatus.

17. The method of claim 12, wherein the steps are manually performed.

18. The method of claim 12, wherein after said step of aspirating (step i)), and before
said step of sealing (step ii)), said fluid is withdrawn from said lower end of said first dispensing
30 tip.

19. The method of claim 12, wherein, in said step of reaspirating (step iv)), said sample, said one or more fluids, or both, are mixed.

20. The method of claim 12, wherein said step of reaspirating (step iv)) involves
5 dispensing one or more fluids, and is followed by reaspirating and redispensing said sample one or more times.

21. The method of claim 12, wherein said step of reaspirating (step iv)), involves
10 dispensing one or more fluids, and is followed by a step of reaspirating a mixture of said sample and said one or more fluids.